Application No.: 10/584,218

**AMENDMENTS TO THE CLAIMS** 

This listing of claims will replace all prior versions and listings of claims in the

application:

**LISTING OF CLAIMS:** 

1. (currently amended): An anode material for a secondary battery which is used for an

anode in a non-aqueous electrolyte secondary battery having at least the anode, a cathode and a

lithium-ion conducting non-aqueous electrolyte, comprising an Si oxide and at least one noble

metal in a metallic state.

2. (original): The anode material for a secondary battery as claimed in Claim 1, wherein

when the Si oxide is expressed in SiO<sub>z</sub>,  $0.8 \le z \le 2$ .

3. (currently amended): An anode material for a secondary battery which is used for an

anode in a non-aqueous electrolyte secondary battery having at least the anode, a cathode and a

lithium-ion conducting non-aqueous electrolyte, comprising a lithium silicate and at least one

noble metal in a metallic state.

4. (original): The anode material for a secondary battery as claimed in Claim 3, wherein

when the lithium silicate is expressed in  $Li_xSiO_y$ ,  $0 \le x$  and  $0 \le y \le 4$ .

5. (previously presented): The anode material for a secondary battery as claimed in Claim

1, further comprising lithium metal.

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6. (currently amended): The anode material for a secondary battery as claimed <u>in Claim</u>

1, wherein the noble metal is at least one metal selected from the group consisting of Pd, Ag, Pt,

Au, Rh, Ir, Ru, Os and Re.

7. (previously presented): The anode material for a secondary battery as claimed in Claim

1, wherein when a ratio of Si atoms to noble-metal atoms is expressed in a:b, 0.01<b/>b/a.

8. (previously presented): The anode material for a secondary battery as claimed in Claim

1, partially or wholly having an amorphous structure.

9. (previously presented): An anode for a secondary battery, comprising an activator layer

having a film-structure anode activator which comprises the anode material for a secondary

battery as claimed in Claim 1 on at least one side of an anode collector.

10. (original): The anode for a secondary battery as claimed in Claim 9, wherein the

activator layer is formed by a vacuum film-forming method.

11. (original): The anode for a secondary battery as claimed in Claim 10, wherein the

vacuum film-forming method is CVD, vacuum deposition or sputtering.

12. (previously presented): An anode for a secondary battery, comprising an activator

layer having a particulate-structure anode activator which comprises the anode material for a

secondary battery as claimed in Claim 1 on at least one side of an anode collector.

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13. (original): The anode for a secondary battery as claimed in Claim 12, wherein the

anode activator is formed by mechanical processing.

14. (original): The anode for a secondary battery as claimed in Claim 12, wherein the

anode activator is formed by a vacuum film-forming method.

15. (original): The anode for a secondary battery as claimed in Claim 14, wherein the

vacuum film-forming method is CVD, vacuum deposition or sputtering.

16. (previously presented): The anode for a secondary battery as claimed in Claim 12,

wherein the anode activator is further heat-treated.

17. (previously presented): The anode for a secondary battery as claimed in Claim 9,

wherein a center-line average roughness (Ra) of the anode collector is 1/10 or more of a

thickness of the anode collector.

18. (currently amended): A non-aqueous electrolytic-solution secondary battery

comprising the anode for a secondary battery as claimed in Claim 9 any of Claims 9 to 17.

19. (new): The anode for a secondary battery as claimed in Claim 12, wherein the center-

line average roughness (Ra) of the anode collector is 1/10 or more of the thickness of the anode

collector.

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20. (new): A non-aqueous electrolytic-solution secondary battery comprising the anode

for a secondary battery as claimed in Claim 12.

21. (new): The anode material for a secondary battery as claimed in Claim 3, further

comprising lithium metal.

22. (new): The anode material for a secondary battery as claimed in Claim 3, wherein the

noble metal is at least one metal selected from the group consisting of Pd, Ag, Pt, Au, Rh, Ir, Ru,

Os and Re.

23. (new): The anode material for a secondary battery as claimed in Claim 3, wherein

when the ratio of Si atoms to noble-metal atoms is expressed as a:b, 0.01<b/>b/a.

24. (previously presented): The anode material for a secondary battery as claimed in

Claim 3, partially or wholly having an amorphous structure.

25. (previously presented): An anode for a secondary battery, comprising an activator

layer having a film-structure anode activator which comprises the anode material for a secondary

battery as claimed in Claim 3 on at least one side of an anode collector.

26. (previously presented): The anode for a secondary battery as claimed in Claim 25,

wherein the activator layer is formed by a vacuum film-forming method.

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27. (previously presented): The anode for a secondary battery as claimed in Claim 26,

wherein the vacuum film-forming method is CVD, vacuum deposition or sputtering.

28. (previously presented): An anode for a secondary battery, comprising an activator

layer having a particulate-structure anode activator which comprises the anode material for a

secondary battery as claimed in Claim 3 on at least one side of an anode collector.

29. (previously presented): The anode for a secondary battery as claimed in Claim 28,

wherein the anode activator is formed by mechanical processing.

30. (previously presented): The anode for a secondary battery as claimed in Claim 28,

wherein the anode activator is formed by a vacuum film-forming method.

31. (previously presented): The anode for a secondary battery as claimed in Claim 30,

wherein the vacuum film-forming method is CVD, vacuum deposition or sputtering.

32. (previously presented): The anode for a secondary battery as claimed in Claim 28,

wherein the anode activator is further heat-treated.

33. (currently amended): The anode for a secondary battery as claimed in Claim 25,

wherein a-the center-line average roughness (Ra) of the anode collector is 1/10 or more of a-the

thickness of the anode collector.

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34. (previously presented): A non-aqueous electrolytic-solution secondary battery

comprising the anode for a secondary battery as claimed in Claim 25.

35. (currently amended): The anode for a secondary battery as claimed in Claim 28,

wherein a-the center-line average roughness (Ra) of the anode collector is 1/10 or more of a-the

thickness of the anode collector.

36. (previously presented): A non-aqueous electrolytic-solution secondary battery

comprising the anode for a secondary battery as claimed in Claim 28.